

What is claimed is:

1. A lash adjuster in a valve gear comprising a nut member provided on a lifter body axially slidably mounted in a transmission path for a valve opening/closing force transmitted from a cam to a valve through a valve stem, an adjuster screw moving axially rotating in said nut member for automatically adjusting a valve clearance, and an elastic member for axially biasing said adjuster screw, wherein female threads of said nut member and male threads formed on the outer periphery of said adjuster screw are serration-shaped such that the flank angle of pressure flanks acted on by axial push-in force applied to said adjuster screw is greater than the flank angle of clearance flanks, and wherein one or both of said adjuster screw and said nut member, or pressure side thread surfaces of one or both of them are formed of a material that will not react with oil additives of oil containing organic molybdenum.

2. A lash adjuster in a valve gear as claimed in claim 1 wherein one or both of said adjuster screw and said nut member are formed of a nonferrous metal.

3. A lash adjuster in a valve gear as claimed in claim 1 wherein a ceramic film is formed on one or both of

said adjuster screw and said nut member, or on the pressure side thread surfaces of one or both of them.

4. A lash adjuster in a valve gear as claimed in claim 1 wherein one or both of said adjuster screw and said nut member, or the pressure side thread surfaces of one or both of them are subjected to plating.

5. A lash adjuster in a valve gear as claimed in claim 1 wherein a nitride compound layer is formed on one or both of said adjuster screw and said nut member, or on the pressure side thread surfaces of one or both of them.

6. A lash adjuster in a valve gear as claimed in claim 1 wherein a carbon film is formed on one or both of said adjuster screw and said nut member, or on the pressure side thread surfaces of one or both of them.

7. A lash adjuster in a valve gear as claimed in claim 1 wherein an oxide film is formed on one or both of said adjuster screw and said nut member, or on the pressure side thread surfaces of one or both of them.

8. A lash adjuster in a valve gear as claimed in claim 1 wherein a diamond-like carbon film is formed on one or both of said adjuster screw and said nut member, or

on the pressure side thread surfaces of one or both of them.

9. A lash adjuster in a valve gear as claimed in claim 1 wherein one or both of said adjuster screw and said nut member, or to the pressure side thread surfaces of one or both of them are subjected to Ni-P plating.

10. A lash adjuster in a valve gear as claimed in claim 1 wherein titanium nitride TiN is formed on one or both of said adjuster screw and said nut member, or on the pressure side thread surfaces of one or both of them.

11. A lash adjuster in a valve gear as claimed in claim 1 wherein chrome nitride is formed on one or both of said adjuster screw and said nut member, or on the pressure side thread surfaces of one or both of them.

12. A lash adjuster in a valve gear as claimed in claim 1 wherein one or both of said adjuster screw and said nut member, or the pressure side thread surfaces of one or both of them are subjected to Ni-P plating and a hard particle-dispersed film such as SiC or Si₃N₄ is formed thereon.

13. A lash adjuster in a valve gear as claimed in

claim 1 wherein one or both of said adjuster screw and said nut member, or the pressured thread surfaces of one or both of them are subjected to Ni-P plating and a PTFE-dispersed film is formed thereon.